

ABSTRACT

The invention provides a protein crystallizing device capable of performing a protein crystallization experiment or screening of crystallization conditions rapidly and economically with a high reliability, and a protein crystallizing agent capable of performing the operation of protein crystallization by a simpler method.

The protein crystallizing device of the present invention comprises a protein crystallizing microarray having at least two crystallizing agent holding parts which hold a protein crystallizing agent and a plate laminated on the protein crystallizing microarray, wherein the plate has crystallizing sections corresponding to the crystallizing agent holding parts and capable of being filled with a protein-containing sample and recessed parts provided between the crystallizing sections. The protein crystallizing agent of the present invention is evenly held in a gel by gelatinizing a solution containing a protein precipitant and an unsaturated monomer.